

A TWO-STAGED MAPPING FOR APPLICATION SPECIFIC MARKUP  
AND BINARY ENCODING

ABSTRACT OF THE DISCLOSURE

In communication system, a method of optimizing MPEG-7 transmissions

5    between a server and an one or more clients, a first ADL (application descriptive language)  
which is a subset of MPEG-7 DDL (Description definition language) being translated into  
binary for communication to the first client, the method comprising: receiving, by the first  
client, the binary communication of the ADL; and translating, by the first client, the binary  
communication into the first ADL, the binary communication being translated using a  
10    frequency table, and an XSLT (XML style translation) document for translating MPEG-7 into  
the first ADL.

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